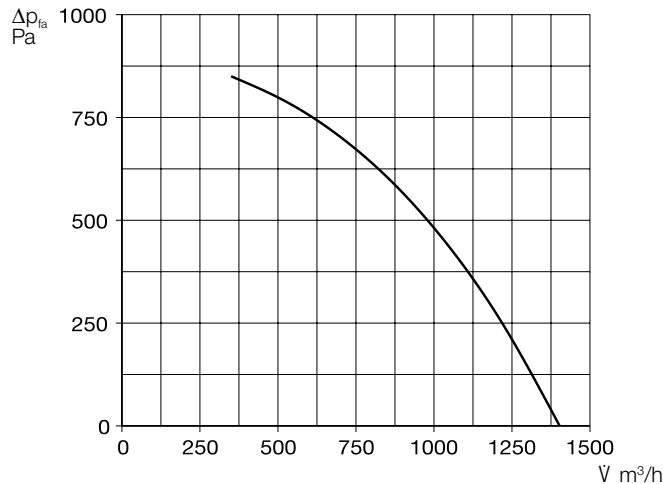


Performance curve KWL EC 1200 S

Frequency	Hz	Tot.	125	250	500	1k	2k	4k	8k
L_{WA}	Extract air	dB(A)	62	46	55	60	53	42	32
L_{WA}	Supply air	dB(A)	76	53	63	71	69	66	62
L_{PA} at 1 m	Radiation	dB(A)	53	40	47	48	49	37	30


Included in delivery:
Surface comfort control element

User-friendly control via self-explanatory graphic elements with clear text directly on the touchscreen. Control line (10 metres) included in delivery, other lengths available (ALB EC-SK, accessories).
 Dim. mm (W x H x D) 115 x 80 x 25



Control element with connection cable (10 m) included in the scope of delivery.
 Dim. mm (W x H x D) 115 x 80 x 25

Accessories for Type Pro WW
Hydraulic unit
WHSH HE 24 V (0-10 V) No. 08318

Controls the water temperature of the PWW heating element using a three-way valve actuator 24 V (0-10 V) and thus the heat output transferred to the air. Delivered as a complete unit, incl. VL- / RL temperature display, circulating pump and flexible connection hoses.


Accessories for all types
Room sensor – Air quality

AIR1/KWL-VOC 0-10V No. 20250

AIR1/KWL-CO2 0-10V No. 20251

AIR1/KWL-FTF 0-10V No. 20252

For measuring the CO₂, mixed gas (VOC) concentration or relative room air humidity. A maximum of one sensor can be connected.
 Dim. mm (W x H x D) 85 x 85 x 27


Room sensor – Temperature

TFR-ALB/KWL No. 07277

For measuring the room temperature and controlling the ventilation unit according to the set value. Incl. 20 m control line. Maximum total of one sensor can be connected.
 Dim. mm (W x H x D) 80 x 80 x 25


Transition piece – Symmetrical

KWL-ÜS 1200 S No. 08349

From unit flange to round duct systems.

Flexible connecting sleeve

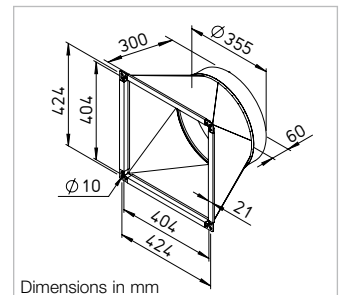
FM 355 No. 01675

For acoustic decoupling, incl. 2 pcs. hose clamps.

Duct shutter, motorised

RVM 355 No. 02579

Prevents cold draughts when the unit is at a standstill. Automatic function through fan operation, with mounted spring return motor (outside of air flow). Installation in any position.



Dimensions in mm

Angle flange ring

FR 355 No. 01205

Made of galvanised steel sheet, for duct connection.

Base cover

KWL-SB 1200 S No. 09316

Made of galvanised steel sheet.



Technical data	KWL EC 1200 S		KWL EC 1200 S, with warm water post-heater	
	Type	Ref. no.	Type	Ref. no.
For floor-standing installation	KWL EC 1200 S Pro	08345	KWL EC 1200 S Pro WW	08346
Flow rate at level¹⁾	2	1	2	1
Supply air/extract V m ³ /h approx.	1300	350	1300	350
Noise dB(A) at 1300 m³/h and 75 Pa				
Supply air L_{WA} (sound power)	76	n/a	76	n/a
Extract air L_{WA} (sound power)	62	n/a	62	n/a
Radiation L_{PA} at 1 m	53	n/a	53	n/a
Power consumption fans 2xW	375	80	375	80
Standby power consumption	< 1 W		< 1 W	
Voltage/Frequency	3N~, 400 V, 50 Hz		3N~, 400 V, 50 Hz	
Rated current A – Ventilation	5.0 / – / –		5.0 / – / –	
– Preheating	– / 12.1 / 12.1		– / 12.1 / 12.1	
– max. total	5.0 / 12.1 / 12.1		5.0 / 12.1 / 12.1	
Electric preheater kW	4.2		4.2	
Heat output/post-heating element kW	–		2.8 (at 60/40 °C) / 2.6 (at 50/40 °C) / 1.6 (at 40/30 °C)	
Summer bypass	automatic (adjustable), with heat exchanger cover		automatic (adjustable), with heat exchanger cover	
Wiring diagram no.	1370		1370	
Temperature operating range	–20 °C to +40 °C		–20 °C to +40 °C	
Installation temperature	+5 °C to +40 °C		+5 °C to +40 °C	
Connection PWW heating element	–		IG 1/2"	
Weight approx. kg	250		256	

¹⁾ Values based on operating ranges defined according to PHI (Passive House Institute).